

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062724\
 Data File : VW029391.D
 Acq On : 27 Jun 2024 19:09
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 28 00:56:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jun 27 05:32:27 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	248640	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	228758	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	116618	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	60813	17.671	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.680%
7) Chloroethane-d5	2.899	69	53557	18.428	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.720%
11) 1,1-Dichloroethene-d2	4.021	65	31171	18.759	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.040%
21) 2-Butanone-d5	7.075	46	48504	47.108	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.220%
24) Chloroform-d	7.648	84	164673	22.202	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.800%
26) 1,2-Dichloroethane-d4	8.307	65	91215	21.420	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.680%
32) Benzene-d6	8.276	84	304547	21.918	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.680%
36) 1,2-Dichloropropane-d6	9.276	67	98690	22.344	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.360%
41) Toluene-d8	10.325	98	271465	22.083	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.320%
43) trans-1,3-Dichloroprop...	10.575	79	38696	21.741	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.960%
47) 2-Hexanone-d5	10.922	63	33537	48.436	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.880%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	81076	23.064	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.240%
66) 1,2-Dichlorobenzene-d4	13.848	152	90342	22.318	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	35735	14.731	ug/L	93
3) Chloromethane	2.223	50	60262	17.423	ug/L	99
5) Vinyl chloride	2.375	62	69991	17.621	ug/L	97
6) Bromomethane	2.789	94	43581	18.255	ug/L	97
8) Chloroethane	2.936	64	45621	18.778	ug/L	100
9) Trichlorofluoromethane	3.271	101	62894	20.423	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	64869	19.105	ug/L #	93
12) 1,1-Dichloroethene	4.045	96	60069	20.850	ug/L	95
13) Acetone	4.125	43	33297	38.053	ug/L	96
14) Carbon disulfide	4.393	76	171166	18.200	ug/L	99
15) Methyl Acetate	4.667	43	37457	21.563	ug/L	99
16) Methylene chloride	4.917	84	77517	17.730	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	67525	21.105	ug/L	90
18) Methyl tert-butyl Ether	5.429	73	116888	22.835	ug/L	99
19) 1,1-Dichloroethane	6.216	63	150352	21.758	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	78789	22.331	ug/L	94
22) 2-Butanone	7.167	43	48742	40.637	ug/L	98
23) Bromochloromethane	7.514	128	33642	21.420	ug/L	94
25) Chloroform	7.679	83	150067	22.240	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	106084	21.317	ug/L	100
29) Cyclohexane	7.959	56	106940	20.449	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	116919	22.985	ug/L	96
31) Carbon tetrachloride	8.069	117	100584	21.646	ug/L	98
33) Benzene	8.325	78	315460	22.951	ug/L	100
34) Trichloroethene	9.093	95	79469	21.671	ug/L	93
35) Methylcyclohexane	9.331	83	120707	20.930	ug/L	99
37) 1,2-Dichloropropane	9.368	63	88413	22.891	ug/L	99
38) Bromodichloromethane	9.642	83	107712	22.810	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	123030	22.535	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	109341	45.676	ug/L	99
42) Toluene	10.386	91	331512	23.461	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	105547	22.895	ug/L	95
45) 1,1,2-Trichloroethane	10.782	97	59974	22.296	ug/L	97
46) Tetrachloroethene	10.861	164	55082	21.488	ug/L	95
48) 2-Hexanone	10.965	43	78437	46.177	ug/L	98
49) Dibromochloromethane	11.123	129	64371	22.893	ug/L	98
50) 1,2-Dibromoethane	11.233	107	53761	22.265	ug/L	94
51) Chlorobenzene	11.654	112	204421	22.278	ug/L	98
52) Ethylbenzene	11.727	91	375998	23.442	ug/L	100
53) m,p-Xylene	11.837	106	135883	23.193	ug/L	89
54) o-Xylene	12.160	106	132724	24.239	ug/L	100
55) Styrene	12.178	104	231447	24.243	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	73335	22.040	ug/L	97
59) Bromoform	12.349	173	35703	22.338	ug/L	100
60) Isopropylbenzene	12.458	105	360425	23.195	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	54384	21.380	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	269214	23.922	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	294144	24.293	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	153475	22.823	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	163962	22.917	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	143340	23.057	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.476	75	11484	19.347	ug/L	90
69) 1,3,5-Trichlorobenzene	14.623	180	99307	21.882	ug/L	95
70) 1,2,4-trichlorobenzene	15.123	180	82382	22.393	ug/L	98
71) Naphthalene	15.360	128	160057	22.043	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	73642	21.969	ug/L	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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